Brickcom
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Megapixel Cube Network Camera

1280X800
640X480

CB-100A Series

- **Compact and Streamline Design.**
- **Built-in PIR Sensor and Illumination LED(*)**
- **Built-in MIC and Speaker(*)**
- **EasyConfig for Easy Set Up and GUI Integration**
- **Built-in Micro SD/ SDHC Memory Card Slot(*)**
- **MPEG-4, MJPEG and H.264 Triple Codec Compression**
- **802.11a/b/g/n Wireless Connectivity**
- **WPS Supported for Easy Wireless Network Setup (*)**

The compact Brickcom CB-100A series cube network series offers a high quality, video surveillance solution for residences and small businesses. Unlike a general webcam, this camera series is a standalone surveillance system that does not need to be connected to a computer. EasyLink™ is a feature of the CB-100A series camera which allows for users to simply plug in the camera to any home or small business network and play the video.

This camera series offers a user-friendly and unique design which allows anyone without a technical background to use it. It features live video feed and two-way audio which can be used over a local area network (LAN), through any internet browser, or via any 3G mobile device. The wireless capability makes it easy to mount on any surface. The CB-100A series features many cutting edge functions and its fashionable, streamline design make it the perfect additional for any home or office.

Because of its many advanced features, the CB-100A series has many versatile applications. Users can easily monitor the safety of their family members, pets, office, valuables, and property.

Small Office Surveillance - Security systems for small offices can be expensive and difficult to install and maintain. With the EasyConfig software, the CB-100A series can easily be installed and configured by anyone without extensive technical knowledge. The video can be reviewed remotely so business owners can monitor office safety and employee productivity at all times.

Residence monitor - Home owners worry about their house and property when they are away. The CB-100A series has a built-in PIR sensor which can detect unauthorized movement in a residence. Once movement is detected, the illumination LED will be triggered and an alert with a snapshot can be emailed or sent through an MMS to the user's portable device.

Elderly and Child Care - A high concern for many people is the safety of elderly relatives and small children. Users can use the CB-100A series camera to ensure the safety of their loved ones by use of the live view and intercom functions.

Pet Monitor - The motion detection feature can be used to create forbidden areas in the home which the pet should not enter when the owner is away. If the camera records the pet entering the region, a recorded message can be programmed to play and the owner will be notified via email or MMS.

Brickcom | General Specification

CB-100A Series

Model Number
WCB-100Ap
WiFi, 2-way audio, PIR, Illumination LED, Micro SD/SDHC Slot
WCB-100Ae/ WCB-100Ae (VGA)
WiFi, 1-way audio
CB-100Ae/ CB-100Ae (VGA)
1-way audio

Hardware System
CPU: 500 MHz
Flash: 16M
RAM: 128M DDR

Image Sensor
Sensor Type : 1/4" Mega-Pixel CMOS Sensor
Sensor Resolution : 1280 x 800 pixel/ 640 x480 pixel
Minimum Illumination
2 Lux (Color), 1 Lux (B/W)

Lens
Lens Type : Board Lens
WCB-100Ae (VGA)/ CB-100Ae (VGA)
Focal Length: f= 3.60 mm
View Angle : H: 56° /V: 36°/ D:64°
F-number: F2.3
WCB-100Ae/ CB-100Ae
Focal Length: f= 3.60 mm
View Angle : H: 58° /V: 38°/ D:65°
F-number: F2.3
WCB-100Ap
Focal Length: f= 3.74 mm
View Angle : H: 56°/V: 37°/D:62°
F-number: F2.0

Video
Auto Exposure Control / Auto White Balance / Auto Gain Control
Image Compression Format:
H.264 / MPEG4 / MJPEG
S/N Ratio:39dB

Frame Rate at Max. Resolution
WCB-100Ae (VGA)/ CB-100Ae (VGA)
- H.264: 30 fps
- MPEG4: 30 fps
- MJPEG: 30 fps

WCB-100Ae/ CB-100Ae
- H.264: 15 fps
- MPEG4: 15 fps
- MJPEG: 30 fps

WCB-100Ap
- H.264: 30 fps
- MPEG4: 15 fps
- MJPEG: 30 fps

(*)These are optional features. Please refer to the Product List for the full list of optional features available for this product.

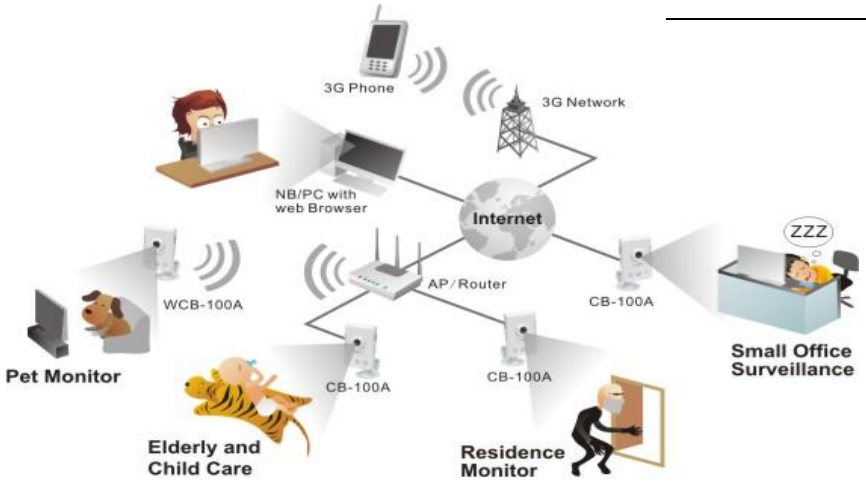

Image Resolution
- 1280 x 800(*)
- 640x480
- 320x192

Audio
2-way audio(*)
Built-in MIC/ Built-in Speaker(*)

Network
Ethernet : one 10/100Mbps RJ-45
WiFi: 802.11 a/b/g/n

Supported Protocols : TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, Bonjour, RTP, RTSP, RTCP

Interface & Buttons
Micro SD/ SDHC card slot(*)
DC Power Connector
Ethernet Cable Connector
Privacy Button
WPS Button(*)
Reset Button
Microphone
PIR sensor/ Speaker/ Illumination LED(*)

LEDs
WCB-100Ap/ WCB-100Ae/ WCB-100Ae (VGA)
Power /Connect/Internet/ WPS / Privacy
CB-100Ae/ CB-100Ae (VGA)
Power /Connect/Internet/ Firmware upgrade/Privacy

Power
Input : DC12V / 1 A (Power Supply)
Max Power consumption
CB-100A: 4.1 w
WCB-100A: 4.5 w

Environment
Operating Temperature : 0°C ~ 50°C (32°F ~122°F)
Operating Humidity : 10% ~ 80%

Dimension
29 (L) X60 (W) X 95 (H) mm

Weight
CB-100Ae/ CB-100Ae (VGA)
88g
WCB-100Ap/ WCB-100Ae/ WCB-100Ae (VGA)
95g
(excluding stand)

Certification
FCC,CE

Warranty
Limited 2-year warranty

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